MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

OCTOBER, 1930

J. A. BROWN, DIRECTOR

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OCTOBER 1930
METEOROLOGICAL REGISTER

Date	Barometer reduced to °oC Sea level and 45° Latitude 700 mm +..				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	58.6	58.1	59.6	58.8	30.6	21.8	26.9	29.9	26.0	27.6
2	61.3	61.0	61.8	61.4	30.0	23.2	27.7	29.1	25.2	27.3
3	3.0	2.0	2.0	2.3	29.2	22.3	26.6	28.0	26.3	26.3
4	2.1	0.8	0.5	1.1	29.2	22.1	25.9	26.8	23.7	25.5
5	1.9	1.8	2.7	2.1	27.7	22.1	25.3	26.9	22.7	24.9
6	64.0	63.5	63.7	63.7	26.7	19.0	24.2	25.8	22.7	24.6
7	4.4	3.1	3.2	3.6	27.2	19.4	24.8	26.1	26.1	25.7
8	3.0	2.0	1.7	2.2	27.5	20.1	25.5	26.8	22.3	24.9
9	1.0	0.6	0.7	0.8	26.7	21.2	22.7	26.1	23.9	24.2
10	2.2	1.6	0.5	1.4	28.7	20.1	25.6	26.4	25.6	25.9
11	62.3	62.2	62.1	62.2	29.6	21.5	26.0	28.3	24.9	26.4
12	2.6	1.6	1.3	1.8	30.0	21.9	27.6	28.7	25.7	27.4
13	1.7	0.5	0.8	1.0	28.9	21.1	26.0	28.3	24.3	26.2
14	1.0	0.5	1.1	0.9	27.7	21.1	24.8	27.3	23.0	25.0
15	0.9	0.3	1.0	0.7	28.0	20.7	24.4	25.9	22.9	25.1
16	61.0	60.0	60.1	60.4	27.1	20.2	25.2	26.3	22.3	24.6
17	0.6	0.2	0.2	0.3	27.2	20.0	24.6	26.8	22.7	24.7
18	1.8	1.2	1.2	1.4	27.1	19.7	21.1	25.7	23.7	23.5
19	1.7	0.9	0.9	1.2	27.3	20.6	25.3	26.6	22.8	24.9
20	1.0	0.6	0.9	0.9	27.2	20.3	24.5	26.3	23.6	24.8
21	60.8	59.9	60.1	60.3	26.7	20.4	24.5	26.2	21.7	24.5
22	59.2	8.9	1.6	59.9	26.2	19.5	23.7	24.7	21.6	23.3
23	8.5	8.3	58.7	8.5	27.1	20.0	23.8	26.6	22.2	24.2
24	62.7	62.1	63.2	62.7	26.6	19.7	23.4	25.7	23.2	24.1
25	1.0	60.9	59.8	0.6	27.6	19.6	26.6	26.9	25.1	26.2
26	60.4	60.5	60.0	60.3	30.4	24.9	28.1	27.1	23.2	24.8
27	0.3	59.7	0.5	0.2	28.3	22.7	26.6	27.6	24.0	26.1
28	0.9	9.7	0.0	0.2	27.8	20.1	24.3	26.4	22.2	24.3
29	59.4	61.5	2.5	1.1	25.8	20.7	24.6	24.8	21.8	23.7
30	63.0	1.6	1.5	2.0	24.6	19.4	23.2	22.9	22.0	22.7
31	1.3	0.7	0.6	0.6	24.7	19.3	23.3	23.3	20.7	22.4
	61.40	60.64	60.14	61.11	27.72	20.80	25.06	26.59	23.48	25.02

Barometer, Range for month 758.1-764.4 m.m.

„ 50-yr. average for month 761.473 m.m.

Thermometer, Range for month 19°.0-30°.6

, 50-yr. average for month 24.48 C.

Rain, total for month 6.22 m.m.

„ , 50-yr average for month 52.58 m.m.

„ , total. Sept. 1st to end of month 12.66 m.m.

„ , 50-yr average, Sept. 1st to end of month. 59.95 m.m

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METEOROLOGICAL REGISTER

Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
22.1	21.9	22.3	16.1	14.2	17.1	15.8	61	44	68	58	10.8	
22.4	23.3	22.3	16.3	16.9	17.7	17.0	59	56	74	63	10.4	
22.1	21.8	20.8	16.4	15.1	15.7	15.7	62	54	70	62	10.0	0.51
20.7	24.8	20.6	14.5	21.4	15.7	17.2	58	82	72	71	7.2	0.76
19.0	19.5	17.6	12.4	12.2	11.7	12.1	52	46	56	51	9.0	
18.1	17.9	17.2	11.7	10.8	11.2	11.2	53	44	55	51	11.0	
19.0	19.5	19.3	12.6	12.6	12.4	12.5	55	50	49	51	11.0	
19.9	21.1	18.8	13.6	14.5	13.7	13.9	58	55	68	60	11.2	
21.6	19.7	18.8	18.2	12.9	12.9	14.7	89	51	58	66	7.6	4.95
19.0	21.1	17.7	12.3	14.8	10.7	12.6	51	57	44	51	10.7	
20.3	22.3	22.2	13.8	14.8	17.7	15.4	56	52	76	61	10.5	
22.3	24.6	23.8	16.2	19.4	20.4	18.7	59	67	83	70	11.2	
23.7	24.6	22.9	19.9	19.9	19.8	19.9	80	69	86	78	10.8	
21.1	25.7	21.2	15.8	23.1	17.2	18.7	68	86	83	79	6.6	
21.5	21.8	20.9	16.8	16.4	16.8	16.7	75	66	81	74	3.2	
21.8	22.9	21.0	16.9	18.1	17.5	17.5	71	70	87	76	9.5	
21.9	22.2	20.6	17.5	16.4	16.5	16.8	76	62	81	73	10.0	
20.7	21.5	21.2	15.0	15.9	16.9	15.9	64	65	77	69	10.8	
21.4	22.7	21.1	16.1	17.5	17.4	17.0	67	68	83	73	10.0	
21.1	22.6	21.2	15.9	17.7	16.8	16.8	71	68	77	72	10.0	
21.1	21.7	20.4	16.0	15.9	16.8	16.2	71	63	87	74	9.6	
20.5	21.6	19.3	15.5	16.8	14.9	15.7	71	73	77	74	8.8	
17.3	20.7	19.8	10.9	14.0	15.4	13.4	51	54	78	61	6.2	
2 .5	21.2	21.0	15.7	15.4	16.7	15.9	73	63	79	72	6.1	
18.1	22.3	21.4	10.6	16.5	16.1	14.4	41	62	68	57	5.5	
19.7	23.7	19.1	12.0	19.0	13.5	14.8	43	72	64	60	10.8	
18.7	22.4	22.2	11.4	16.2	18.4	15.3	43	59	83	62	10.0	
17.9	21.4	18.2	11.4	15.4	12.9	13.2	51	59	64	58	10.0	
20.1	19.9	18.3	14.3	14.0	13.2	13.8	62	61	68	64	9.9	
18.8	18.0	17.7	13.2	12.2	12.3	12.6	62	59	63	61	8.4	
19.2	18.2	17.1	13.7	12.4	12.1	12.7	64	58	66	63	7.0	
20.37	21.73	20. 19	14.60	15.80	15.42	15.30	61.2	61.1	71.8	65.0	9.16	0.20

ght of Barometer above sea level: 33.7 meters.
, ,, Thermometers above ground:
and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
e of readings minus 2 hours equals G. C. T.
ear averages are for period, 1875-1924

OCTOBER 1930

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	1cu	2stcu	2cu	1.7	0	1sw	0	360.0	calm	
2	1stcu	1stcu	5stcu	2.3	0	1nw	1sw	501.6	light	
3	2cu	2cu	8ni	4.0	0	1nw	0	337.9	calm	
4	5stcu	8cu	4cu	5.7	0	0	1sw	355.3	„	
5	3cu	1cu	1cu	1.7	0	1nw	0	116.1	mod.	
6	1cu	0	0	0.3	0	1nw	0	130.6	light	
7	1cu	0	1st	0.7	0	1nw	2n	110.7	„	
8	0	1cu	1cu	0.7	0	0	0	124.1	calm	
9	8cu	1cu	2cu	3.7	0	2n	2n	310.6	rough	
10	0	0	0	0.0	0	0	3n	211.8	mod.	breeze p.m.
11	0	0	0	0.0	0	0	0	149.1	calm	
12	0	0	2cu	0.7	0	0	1n	72.3	„	
13	4stcu	1cu	1cu	2.0	0	0	0	551.4	„	
14	8st	4stcu	3cu	5.0	0	0	0	33.0	„	
15	10cu	8cu	4cu	7.3	0	0	0	62.8	„	
16	1cu	1ci	1cu	1.0	0	0	0	56.3	„	
17	1cu	1stcu	0	0.7	0	0	0	35.3	„	
18	1stcu	0	0	0.3	0	0	0	50.1	„	
19	1cu	1stcu	0	0.7	0	0	0	74.3	„	
20	0	0	1cu	0.3	0	0	0	74.2	„	
21	1stcu	1st	1st	1.0	0	0	0	162.5	„	const. ligt. in n.
22	10cu	7cicu	4cu	7.0	0	0	0	134.6	„	„
23	1cu	1cu	1cu	1.0	0	0	0	461.3	„	„
24	2st	1cu	1cu	1.3	0	0	0	48.2	„	
25	0	1st	1st	0.7	0	0	0	56.9	„	
26	0	0	0	0.0	0	1w	0	164.4	mod.	
27	0	0	1cu	0.3	0	0	1sw	159.2	light	
28	8ci	6ci	1cu	5.0	0	0	0	247.2	light	
29	2stcu	1stcu	4stcu	2 1	0	0	1s	295.5	„	tr. rain
30	4stcu	0	1stcu	1.7	0	0	1n	176.9	„	
31	7cicu	8cu	8cu	7.7	0	0	0	189.4	calm	breeze p.m.
				2.15				187.50		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	0	0	0	0	0	0	0	31
14:30	2	0	0	0	0	1	1	5	22
20.30	5	0	0	0	1	3	0	0	22
Totals	7	0	0	0	1	4	1	5	75

Number of days with rain 3, fog 0, thunderstorms 0, gales 0

50-yr average number of days with rain during month 3.5